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Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-07-20-12** **Date: 23/07/2018**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.

Agency : Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013

Customer's Reference : EE/DD/WO/11/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-07-18

Sample ID No : 2018-07-20-12 /01

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	16/07/2018	23/07/2018	149.66 X 150.52 X 150.75	22527	8.214	412.2	18.3	18.1
2	M20 Concrete	M20	16/07/2018	23/07/2018	150.23 X 150.78 X 150.33	22652	8.156	394.1	17.4	
3	M20 Concrete	M20	16/07/2018	23/07/2018	150.75 X 149.63 X 150.23	22557	8.132	417.3	18.5	

Note:
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CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-07-20-12** **Date: 23/07/2018**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.
Agency	:	Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013
Customer's Reference	:	EE/DD/WO/11/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-07-18
Sample ID No	:	2018-07-20-12 /03
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	16/07/2018	23/07/2018	149.75 X 150.44 X 150.75	22528	8.196	380.7	16.9	
2	M20 Concrete	M20	16/07/2018	23/07/2018	150.32 X 150.44 X 149.52	22614	8.163	391.2	17.3	17.6
3	M20 Concrete	M20	16/07/2018	23/07/2018	151.48 X 150.44 X 150.72	22789	8.152	421.6	18.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-07-20-12** **Date: 23/07/2018**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.

Agency : Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013

Customer's Reference : EE/DD/WO/11/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-07-18

Sample ID No : 2018-07-20-12 /05

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	16/07/2018	23/07/2018	151.63 X 150.85 X 150.65	22873	8.196	386.6	16.9	17.7
2	M20 Concrete	M20	16/07/2018	23/07/2018	150.75 X 149.77 X 151.41	22578	8.165	397.4	17.6	
3	M20 Concrete	M20	16/07/2018	23/07/2018	151.63 X 149.62 X 149.66	22687	8.178	419.7	18.5	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-07-20-12** **Date: 23/07/2018**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.

Agency : Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013

Customer's Reference : EE/DD/WO/11/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 20-07-18

Sample ID No : 2018-07-20-12 /07

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	16/07/2018	23/07/2018	149.63 X 150.75 X 150.75	22557	8.163	408.3	18.1	
2	M20 Concrete	M20	16/07/2018	23/07/2018	149.63 X 150.86 X 151.02	22573	8.172	404.1	17.9	18.1
3	M20 Concrete	M20	16/07/2018	23/07/2018	150.75 X 149.66 X 151.32	22561	8.166	412.9	18.3	

Note:

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Samples will be disposed after 30 days from the date of issue of test certificate

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-07-20-12** **Date: 24/07/2018**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.
Agency	:	Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013
Customer's Reference	:	EE/DD/WO/11/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-07-18
Sample ID No	:	2018-07-20-12 /09
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	24/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	17/07/2018	24/07/2018	150.75 X 150.21 X 150.09	22644	8.156	421.2	18.6	18.4
2	M20 Concrete	M20	17/07/2018	24/07/2018	150.38 X 150.22 X 150.69	22590	8.163	404.4	17.9	
3	M20 Concrete	M20	17/07/2018	24/07/2018	150.76 X 150.63 X 151.45	22709	8.175	422.4	18.6	

Note:
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-07-20-12** **Date: 24/07/2018**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.
Agency	:	Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013
Customer's Reference	:	EE/DD/WO/11/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-07-18
Sample ID No	:	2018-07-20-12 /11
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	24/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	17/07/2018	24/07/2018	150.05 X 149.87 X 151.30	22488	8.198	407.8	18.1	18.5
2	M20 Concrete	M20	17/07/2018	24/07/2018	149.20 X 149.67 X 151.07	22332	8.317	415.8	18.6	
3	M20 Concrete	M20	17/07/2018	24/07/2018	151.93 X 150.18 X 149.94	22818	8.255	427.4	18.7	

Note:
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-07-20-12** **Date: 25/07/2018**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Abbigere old village near Govt School abbigere in Ward No.12, Shettyhalli Sub Division.
Agency	:	Sri.Mr.Aswath Narayana, No.38, Channappa Layout, Sharadhamma Nagara, Jalahalli Village, Bangalore-560013
Customer's Reference	:	EE/DD/WO/11/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-07-18
Sample ID No	:	2018-07-20-12 /15
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	18/07/2018	25/07/2018	149.50 X 149.22 X 150.41	22310	8.562	416.7	18.7	
2	M20 Concrete	M20	18/07/2018	25/07/2018	151.95 X 151.97 X 151.14	23093	8.153	416.6	18.0	18.6
3	M20 Concrete	M20	18/07/2018	25/07/2018	149.04 X 149.94 X 150.76	22348	8.263	423.2	18.9	

Note:
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